



A Platform for Big Data in Agriculture
COMMUNITY OF PRACTICE

DATA-DRIVEN AGRONOMY WORK PLAN 2021



Alliance



INTERNATIONAL
FOOD POLICY
RESEARCH
INSTITUTE



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WORK PLAN 2021

ABOUT US

OUR STRATEGY

JOINT VENTURES

Translate ideas and innovative science to drive impact in global food systems through the synergies of data science, digital tools, and agronomy.

SHARING KNOWLEDGE

Through newsletters, webinars and a workshop, exchange information on novel ideas and technologies, the bottlenecks and future opportunities.

JOINING FORCES

Through a community of people from several research institutes, NGOs, and the academic, public and private sector, we get a complete picture of the needs and possibilities in digital agriculture.

OUR MISSION: By 2022 be a global leader in fostering innovation in data-driven agronomy and working together to provide those involved in agriculture with rapid and actionable information based on data-driven systems in order to optimize productivity in a sustainable way.

HIGHLIGHTS 2020



1126 members working in more than 900 different organizations



Ingredients for Scaling 2020 theme: organized 5 webinars with almost 1000 participants, published 8 blogposts and 2 newsletters.



Convened a session at the CGIAR convention on Big Data which we had more than 300 participants. Selected *The Extension Agent of the Future* as our 2021 theme, we will continue to explore and develop.



Won the *Innovative Applications in Analytics Award (IAAA)*, shared between the International Maize and Wheat Improvement Center (**CIMMYT**), the **Alliance of Bioversity International and CIAT** and the International Institute for Applied Systems Analysis (**IIASA**).

DATA-DRIVEN AGRONOMY

SUMMARY WORKPLAN 2021

In 2021 we plan to continue expanding our network and work on building stronger relationships with our members. The Sharing Knowledge topic for this year is **The Extension Agent of the Future**. We plan to address this for and with our community through webinars, a panel discussion, infographics a briefs, a virtual workshop, and a summary of activities over the last 4 years alongside with pathways forward.

JOINING FORCES

Continuing building a strong community

Activities

- Membership management and engagement
- Building strong core groups around activities
- Publish a CGIAR portfolio on our work on digital extension
- Publish 7 digital agriculture country profiles (Ivory coast, Rwanda, South Africa, Vietnam, Kenya, Grenada, Turkey and Argentina)



SHARING KNOWLEDGE

Mapping lessons learned, the gaps and opportunities on the 2021 topic:
The Extension Agent of the Future

Activities

- Address this topic through webinars, a blog series, and newsletters
- Mini-Workshop during Big Data Platform Convention
- Publish a brief on the roadmap of *The Extension Agent of the Future*
- Publish a report with recommendations for educational institutions
- A panel discussion on what we can do from One CGIAR to enable *The Extension Agent of the Future*



JOINT VENTURES

Working groups around specific topics
in Data-Driven Agronomy

Activities

- In collaboration with CGIAR and non-CGIAR initiatives, publish an infographic about how *The Extension Agent of the Future* would look like
- Publish a blog series on Design Thinking applied to agricultural research
- Publish a white paper summarizing the activities of the CoP in the last 4 years and identify existent and emerging priorities along with pathways and partnerships to address them



HOW CAN I GET INVOLVED?

[Become part of one of our working groups.](#) Contact us for more information about participation.

[Share and connect with the community through our LinkedIn group.](#)

[Just want to keep updated on the developments in the sector? Subscribe to our newsletter, read and learn.](#)

